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| FORM PTO 1449 (modified) | | | | 2002_03 | | SERI. 10/0 | MAR 0 9 2004 | | | |
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | | ATTY DOCKET NO. 2002_0321 SERIAL NO. 10/086,538 MAR 0 9 2004 APPLICANT Shin ASADA et al. | | | | | | |
| LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) | | | | ENINO DATE | | | | | | |
| Date | Submitte | ed to PTO: March 9, 200 |)4 | FILING DATE GROUP March 4, 2002 2615 | | | | | ; | |
| U.S. PATENT DOCUMENTS | | | | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | | NAME CLASS SUBCLASS | | | FILING DA | FILING DATE IF APPROPRIATE . | |
| | AA | | | | | | | | | |
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| | DOCUMENT DATE NUMBER | | | | OUNTRY | CLASS | SUBCLASS | TRANSLA YES | TION NO | |
| RC | AJ | 0 765 082 | 3/1997 | | EP | | | | | |
| | AK | | | | | | | | | |
| | AL | | | | | | | | | |
| | АМ | · | | | | | | | | |
| | AN | | | | | | | | | |
| | | OTHER | DOCUMENT(S) | Including Auth | or, Title, Date, Pertine | ent Pages, Etc.) | | | | |
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| FORM PTO 1449 (modified) | | | | ATTY DOCKET NO. SERIAL N 2002_0321 NEW | | NO. | | | | |
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: March 4, 2002 | | | APPLICANT : Shin ASADA et al. | | | | | | | |
| | | | FILING DATE March 4, 2002 | | | group 2651 | | | | |
| | | | | U.S. PATENT DOCUMENTS | | | | 70 <u>5</u> | | |
| 'EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME · | NAME · CLASS | | SUBCLASS | FILING APPRO | DATE IF | |
| RC | AA | 6,167,189 | 12/2000 | Taira et al. | | | | | | |
| RC | АВ | 6,185,365 | 2/2001 | Murase et al. | | | | | | |
| RC | AC | 5,715,356 | 2/1998 | Hirayama et al. | | | | | | |
| RC | AD | 5,923,627 | 7/1999 | Miwa et al. | | | | | | |
| RC | AE | 6,031,963 | 2/2000 | Kitamura et al. | | | | | | |
| RC | AF | 6,160,952 | 12/2000 | Mimura et al. | | | | | | |
| RC | AG | 5,729,516 | 3/1998 | Tozaki et al. | Tozaki et al. | | | | | |
| | АН | | | | | | | | | |
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| | | | | FOREIGN PATENT DOCUMENTS | | | T | · | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY CLASS | | SUBCLASS | TRANSLATION YES NO | | | |
| RC | AJ | 0795871A2 | 9/1997 | EP | | | | | | |
| RC | AK | 0724264A2 | 7/1996 | EP | | | | | | |
| RC | AL | 0737008A2 | 10/1996 | EP | | | | | | |
| RC | AM | 0795859A2 | 9/1997 | EP | | | • | | | |
| RC | AN | 0789361A2 | 8/1997 | EP | | | | | | |
| | OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | | |
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| PATENT, AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: Merch 4, 2002 | | | APPLICANT Shin ASADA et al. | | | | | | |
| | | | FILING DATE March 4, 2002 | | | GROUP 2651 | | | |
| | | | | U.S. PATENT DOCUMENTS | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | NAME CLASS S | | SUBCLASS | FILING C | PATE IF |
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| | 1 | | · | FOREIGN PATENT DOCUMENTS | | | т | | |
| 70 | | DOCUMENT NUMBER | DATE | COUNTRY | CLA | vss | SUBCLASS | TRANSL YES | ATION NO |
| RC | AJ | 2,182,260 | 2/1997 | Canada | | | | | |
| RC | AK | 9-252450 | 91/997 | Japan | | | 10 | Abstract | |
| RC | AL | 9-51501 | 2/1997 | Japan | | | | Abstract | |
| | АМ | · | | | | | | | |
| | AN | | | | | | | | |
| | | ОТН | ER DOCUMENT(S | 6) (Including Author, Title, Date, Per | rtinent Page | es, Etc.) | | | |
| | AO | | | | | | | | |
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| FORM PTO 1449 (modified) | | | | ATTY DOCKET NO. SERIAL 10/08 | | | OIPE (C) | | |
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: June 12, 2002 | | | APPLICANT Shin ASADA et al. JUN 1 2 2002 | | | | | | |
| | | | FILING DATE March 4, 2002 | | | JUN 1 2 2002 3 | | | |
| | | | | U.S. PATENT DOCUMENTS | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | NAME CLAȘS | | SUBCLASS | FILING DATE IF APPROPRIATE | |
| RC | АА | 6,236,804 | 5/2001 | Tozaki et al. | | · | | | |
| RC | АВ | 6,047,103 | 4/2000 | Yamauchi et al. | | | | | |
| RC | AC | 5,907,656 | 5/1999 | Oguro | | | | | |
| RC | AD | 6,034,832 | 3/2000 | Ichimura et al. | | | | | |
| RC | AE | 6,118,871 | 9/2000 | Okuyama et al. | | | | | |
| | AF | | | | | | | | |
| | AG | | | | | | | | |
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| | • | | | FOREIGN PATENT DOCUMENTS | s | | r | 1 | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CL | \ss | SUBCLASS | TRANSLA YES | NO NO |
| RC | AJ | 409284342 | 10/1997 | JP | | | | Abstract | |
| | AK | | | | | | | | |
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